

Homework 3 – Metals

1. Name the two categories of metals

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2. Describe a difference between these categories of metals

3. Name two metals from each category

F_____

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N__ F_____

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4. Read through each scenario below, then choose a metal and explain why you have chosen that metal:

i) You have been asked to design and make a set of cutlery for a household.

Metal choice: _____

Why that metal? _____

ii) You have been asked to design and make a set of screws to join timber.

Metal choice: _____

Why that metal? _____

iii) You have been asked to design and make a cover for a drain

Metal choice: _____

Why that metal? _____

iv) You have been asked to design and make a metal takeaway container

Metal choice: _____

Why that metal? _____

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v) You have been asked to design and make a pipe to carry hot water

Metal choice: _____

Why that metal? _____

vi) You have been asked to design and make a door knocker for a front door of a house.

Metal choice: _____

Why that metal? _____

5. Explain one method you could use to join aluminium sheet to mdf .
